FORM PT	ΓΟ-144	9		SERIAL NO.		10/574,901	rage	
INFORMATION DISCLOSURE STATEMENT				FILING DATE APPLICANT GROUP				
						Giblin et a	Giblin et al.	
						1614		
				EXAMINER				
				ATTORNEY DOCKET NO.		PB60530U	JSw	
	<u> </u>		U.S. PATE	NT DOCUMENTS		<u> </u>		
Examine r		Patent Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate	
Initials								
	1	5,219,856	June 15, 1993	Olson		·		
	2	5,232,945	Aug. 3, 1993	Hulin				
	3	5,344,991	Sept. 6, 1994	Reitz et al.				
	4	5,420,287	May 30, 1995	Reitz et al.				
	5	5,424,450	June 13, 1995	Boswell et al.				
·	6	5,470,975	Nov. 28, 1995	Atwal				
	7	5,474,995	Dec. 12, 1995	Ducharme et al.				
	8	5,512,681	Apr. 30, 1996	Boswell et al.		, - , , , , , , , , , , , , , , , , , ,		
	9	5,563,128	Oct. 8, 1996	Pauls et al.				
	10	5,807,896	Sept. 15, 1998	Gericke et al.	1			
	111	5,840,746	Nov. 24, 1998	Ducharme et al.				
	12	5,972,986	Oct. 26, 1999	Seibert et al.	 			
	13	6,048,859	Apr. 11, 2000	Dorn et al.				
								
	14	6,066,766	May 23, 2000	Haber et al.				
	15	6,136,839	Oct. 24, 2000	Isakson et al.				
	16	6,440,963	Aug. 27, 2002	Leonardi et al.				
	17	6,451,843	Sept. 17, 2002	Lieb et al.				
	18	6,458,965	Oct. 1, 2002	Lieb et al.				
	19	6,495,149	Dec. 17, 2002	Scavone et al.				
	20	7,232,821	June 19, 2007	Giblin et al.				
	21	US2001/020100	Sept. 6, 2001	Manning et al.				
	22	US2001/047024	Nov. 29, 2001	Seibert et al.				
	23	US 2002 045605	Apr. 18, 2002	Kargman et al.				
	24	US2002/095041	July 18, 2002	Chan et al.				
	25	US2002/107276	Aug. 8, 2002	Isakson et al.				
	26	US2003073844	Apr. 17, 2003	Ku ct al.				
			Continu	ie on page				
			FOREIGN PA	TENT DOCUMEN	rs		_	
		Document	Publication				Translation	
		Number	Date	Country	Class	Subclass	Yes No	
	27	AU 8311483	Mar. 3, 1982	AUSTRALIA			Abstract only	
	28	BEL 611179	Dec. 6, 1960	BELGIUM			Abstract only	
	29	DE 4032522	Apr. 16, 1992	GERMANY			Abstract only	
	30	DE 4034728	May 7, 1992	GERMANY		· · · · · · · · · · · · · · · · · · ·	Abstract only	
	31	DE 20211496	Nov. 19, 2002	GERMANY			Abstract only	
	32	DE 19612101	Oct. 2, 1997	GERMANY	†		Abstract only	
	33	DE 4407488	Sept. 14, 1995	GERMANY			1	
	34	DT 2405171	Feb. 19, 1973	GERMANY			Abstract only	
	35	EP 52300	Nov. 13, 1980	EUROPE			Abstract only	
	36	EP 131302	Jan. 16, 1985	EUROPE	1		1	
	37	EP 0470794	Feb. 12, 1992	EUROPE	†			
	1 /	1 101 07/0127	Aug. 19, 1992	EUROPE	+			
		FP 400415		LUCKOIL	1	•	 	
	38	EP 499415		FIROPE	B			
	38 39	EP 499416	Aug. 19, 1992	EUROPE				
	38 39 40	EP 499416 EP 540009	Aug. 19, 1992 May 5, 1993	EUROPE				
	38 39 40 41	EP 499416 EP 540009 EP 706795	Aug. 19, 1992 May 5, 1993 Apr. 17, 1996	EUROPE EUROPE				
	38 39 40 41 42	EP 499416 EP 540009 EP 706795 EP 0799823	Aug. 19, 1992 May 5, 1993 Apr. 17, 1996 Oct. 8, 1997	EUROPE EUROPE EUROPE				
	38 39 40 41	EP 499416 EP 540009 EP 706795	Aug. 19, 1992 May 5, 1993 Apr. 17, 1996	EUROPE EUROPE				

	46	EP 1264847	Dec. 11, 2002	EUROPE		Abstract only
	47	EP 1312605	May 21, 2003	EUROPE		
	48	GB 2,272,899	June 1, 1994	GREAT		
				BRITAIN		
	49	JP 04076087	Mar. 10, 1992	JAPAN		Abstract only
	50	JP 04235933	Aug. 25, 1992	JAPAN		Abstract only
	51	JP 05224442	Scpt. 3, 1993	JAPAN		Abstract only
	52	JP 06065213	March 8, 1994	JAPAN		Abstract only
	53	JP 2002275064	Sept. 25, 2002	JAPAN		Abstract only
	54	JP 2002363748	Dec. 18, 2002	JAPAN		Abstract only
	55	JP 2003192659	July 9, 2003	JAPAN		Abstract only
	56	NE 6610022	Aug. 2, 1965	NIGER		Abstract only
	57	WO 91/15479	Oct. 17, 1991	WIPO		
- <u> </u>	58	WO 92/02257	Feb. 20, 1992	WIPO		
- 1,	59	WO 92/20642	Nov. 26, 1992	WIPO		
	60	WO 93/04045	Mar. 4, 1993	WIPO		
	61	WO 93/04046	Mar. 4, 1993	WIPO		
	62	WO 94/05658	Mar. 17, 1994	WIPO		
	63	WO 95/00501	Jan. 5, 1995	WIPO		
	64	WO 95/05372	Feb. 23, 1995	WIPO		Abstract only
	65	WO 95/11883	May 4, 1995	WIPO		710011401 0111)
	66	WO 95/17393	June 29, 1995	WIPO		
		WO 95/26724	Oct. 12, 1995	WIPO		
	67					
	68	WO 95/27692	Oct. 19, 1995	WIPO		
	69	WO 96/10012	Apr. 4, 1996	WIPO		
	70	WO 96/11902	Apr. 25, 1996	WIPO		
	71	WO 96/11676	Apr. 25, 1996	WIPO		
	72	WO 96/16934	June 6, 1996	WIPO		
	73	WO 96/36623	Nov. 21, 1996	WIPO		
	74	WO 96/37496	Nov. 28, 1996	WIPO	<u> </u>	
	75	WO 96/41645	Dec. 27, 1996	WIPO	· · · · · · · · · · · · · · · · · · ·	
	76	WO 97/03667	Feb. 6, 1997	WIPO		
	77	WO 97/05131	Feb. 13, 1997	WIPO		
	78	WO 97/11701	Apr. 3, 1997	WIPO		
	79	WO 97/16435	May 9, 1997	WIPO		
	80	WO 97/29748	Aug. 21, 1997	WIPO		
	81	WO 97/38986	Oct. 23, 1997	WIPO		
	82	WO 98/55468	Dec. 10, 1998	WIPO		
· · · · · · · · · · · · · · · · · · ·	83	WO 98/16227	Apr. 23, 1998	WIPO		
-	84	WO 98/25896	June 18, 1998	WIPO		
	85	WO 98/28257	July 2, 1998	WIPO		Abstract only
	86	WO 99/17776	Apr. 15, 1999	WIPO		
	87	WO 99/58487	Nov. 19, 1999	WIPO		
	88	WO 00/02887	Jan. 20, 2000	WIPO		
	89	WO 00/47553	Aug. 17, 2000	WIPO		
	90	WO 00/53149	Sept. 14, 2000	WIPO		
	91	WO 00/59506	Oct. 12, 2000	WIPO		
	92	WO 00/76489	Dec. 21, 2000	WIPO		
	93	WO 01/21582	Mar. 29, 2001	WIPO		Abstract only
	94	WO 01/64646	Sept. 7, 2001	WIPO		
· ———	95	WO 01/081332	Nov. 1, 2001	WIPO		
	96	WO 01/55146	Aug. 2, 2001	WIPO		
	97	WO 02/12210	Feb. 14, 2002	WIPO		Abstract only
	98	WO 02/20004	Mar. 14, 2002	WIPO		
	99	WO 02/50002	June 27, 2002	WIPO		
	100	WO 02/099435	Dec. 12, 2002	WIPO		
	101	WO 02/100838	Dec. 19, 2002	WIPO		
	102	WO 03/02548	Jan. 9, 2003	WIPO		
	103	WO 03/006628	Jan. 23, 2003	WIPO		
··· · · · · · · · · · · · · · · · · ·	104	WO 03/010145	Feb. 6, 2003	WIPO		Abstract only

Page 3 of 3

	105	WO 03/20790	Mar. 13, 2003	WIPO			Abstract only		
	105	WO 03/20790 WO 03/45552	June 5, 2003	WIPO			Abstract only		
	100	WO 03/048257	June 12, 2003	WIPO					
<u></u>	108	WO 03/048237	June 26, 2003	WIPO					
				WIPO			Abstract only		
	109	WO 03/053927	July 3, 2003				Abstract only		
	110	WO 04/39753	May 13, 2004	WIPO					
			C						
		OTHER BOOKS		nue on page	al Data Daga Ni	unhon Eta)			
		OTHER DOCUMI					ia Drain		
	111	Ahmad, et al. "Prosta	-				emic Brain		
	112	Damage." Toxicolog					la af chirolity		
	112	Baker, R.W., et al. "I transfer from a bipher	•	-					
		•	•	emer and its rever	se. Australian je	outhar of Chen	iisti y, voi. 55, 140		
	113	6, 2000, pgs 487-506. Baker, R.W., et al. "C		m a ninhanyl avis	to a spiro cente	r and its rovers	e sequential self-		
	113	immolation." Tetrahe				i and its revers	se sequential seri-		
	114					hemical and F	Ingineering Data		
į	114	Blank, B., et al. "Synthesis of Biphenyl Portion of Decinine." Journal of Chemical and Engineering Data, Vol. 16, No. 2, 1971, pgs. 254-257.							
	115		<u> </u>	7? mothovybinhon	ul A novy routo	to omicron t	ernhenyle "		
	115	Fuson, R.C., et al. "S				to .omeront	erphenyis.		
	116	Journal of The Ameri				hindered kete	nes" lournal of		
	116	Fuson, R.C., et al. "R			im bromide with	innucieu keto	nics. Journal Of		
	1,77	Organic Chemistry, V Hori, M., et al. "Dibo			do III 12) Do	nations of 10.	Substituted 0.0		
	117	· -		-					
		Dimethylthioxanthenium and 5-Substituted Dibenzothiophenium Salts with Organolithiums." Chemical & Pharmaceutical Bulletin (1974), 22(9), pgs 2004-2013.							
	118	Imai, Y., et al. 'Nove	·	···.	with a hinhenyl	backhone " S	Synlett No. 8		
	110	1999, pgs. 1319-1321		-oxazonne ngand.	with a diplicity:	vackoone.	ymett, 140. 0,		
	119	Kawahara, et al. "A I		ecentor Subtype F	Pl Recentor Ant	agonist (ONO	-8711) Reduces		
	117		-	•					
1		Hyperalgesia, Allodynia, and C-fos Gene Expression in Rats with Chronic Nerve Constriction." Anesth Analg. 2001, 93, pgs. 1012-7.							
	120	Kawano, et al. "Prost		ecentors: Downst	cam Effectors o	f Cox-2 Neuro	toxicity" Nature		
	120	Medicine, February 2	-						
	121	Lacombe, P., et al. "2			for the human E	P1 prostanoid	receptor."		
		Abstracts of Papers A	•	•					
N	122	Malik, O.P., et al. "S							
		Pyrido(1,2-c] [1,3]benzoxazine." Indian Journal of Chemistry, Section B: Organic Chemistry Including							
		Medicinal Chemistry,							
	123	Moorlag, H., et al. "A			netric tetrasubsti	tuted biaryl: 2	2,2'-dihydroxy-		
		6,6'-dimethyl-1,1'-bij							
		6996.							
	124	Moorlag, H., et al. "C	Oxazoline-mediated	biaryl coupling re	eactions. Stereo	controlled synt	hesis of 2,2'6,6-		
		tetrasubstituted biphe	nyls." Tetrahedron	Letters, Vol. 34,	No. 44, 1993, pg	s 6989-6992.			
	125	Omote, et al. "The E	fects of Intrathecal	Administration of	an Antagonist f	or Prostagland	in E Receptor		
		Subtype EP1 on Mechanical and Thermal Hyperalgesia in a Rat Model of Postoperative Pain." Anesth							
		Analg. 2002, 95, pgs.							
	126	Omote, et al "The E	•			_	_		
ĺ		E Receptor Subtype EP1, ONO-8711, in a Rat Model of Postoperative Pain." Anesth Analg., 2001, 92,							
	1 1	pgs. 233-8.							
		D . 1 (17)	fficient Lludragannt	ion of Sterically F		with Borane-N	Methyl Sulfide		
	127				571/ 575/		.,		
		Complex." Journal of	f Organic Chemistr						
	127	Complex." Journal o Rippert, A.J. "New a	f Organic Chemistr xially chiral bis(dih	ydrooxazoles) as	ligands in sterose	elective transit			
	128	Complex." Journal o Rippert, A.J. "New a catalysis." Helvetica	f Organic Chemistr xially chiral bis(dih Chimica ACTA, V	ydrooxazoles) as ol. 81, No. 4, 1998	ligands in steroso 3, pgs 676-687.		ion-metal		
		Complex." Journal o Rippert, A.J. "New a catalysis." Helvetica Sarkar, et al "The P	f Organic Chemistr xially chiral bis(dih Chimica ACTA, Verostaglandin E2 Re	ydrooxazoles) as ol. 81, No. 4, 1998 ceptor-1 (EP1) M	ligands in steroso 3, pgs 676-687. ediates Acid-Ind		ion-metal		
	128	Complex." Journal o Rippert, A.J. "New a catalysis." Helvetica Sarkar, et al "The P Hypersensitivity in H	f Organic Chemistr xially chiral bis(dih Chimica ACTA, Verostaglandin E2 Re umans." Gastoente	ydrooxazoles) as ol. 81, No. 4, 1998 ceptor-1 (EP1) M rology, 2003, 124	ligands in steroso 3, pgs 676-687. ediates Acid-Ind , pgs. 18-25.	uced Visceral	ion-metal Pain		
	128	Complex." Journal of Rippert, A.J. "New a catalysis." Helvetica Sarkar, et al "The Phypersensitivity in Helpersensitivity in Helperse	f Organic Chemistr xially chiral bis(dih Chimica ACTA, Verostaglandin E2 Re umans." Gastoente ostaglandin E2 EP1	ydrooxazoles) as ol. 81, No. 4, 1998 ceptor-1 (EP1) M rology, 2003, 124 Receptor Mediat	ligands in steroso 3, pgs 676-687. ediates Acid-Ind 5, pgs. 18-25. es Pain Perception	uced Visceral on and Regula	ion-metal Pain		
	128 129 130	Complex." Journal of Rippert, A.J. "New a catalysis." Helvetica Sarkar, et al "The Phypersensitivity in Helpersensitivity in Helpersensitivity. The Pressure." The Journ	f Organic Chemistry xially chiral bis(dib Chimica ACTA, Verostaglandin E2 Reumans." Gastoente ostaglandin E2 EP1 al of Clinical Inves	ydrooxazoles) as ol. 81, No. 4, 1998 ceptor-1 (EP1) M rology, 2003, 124 Receptor Mediat tigation, February	ligands in steroso 3, pgs 676-687. ediates Acid-Ind 5, pgs. 18-25. es Pain Perception 2001, 107(3), pg	uced Visceral on and Regula 325-331.	ion-metal Pain tes Blood		
	128	Complex." Journal of Rippert, A.J. "New a catalysis." Helvetica Sarkar, et al "The Phypersensitivity in Helpersensitivity in Helpersensitivity. The Pressure." The Journ Stoyanovich, F.M., et	rostaglandin E2 Reumans." Gastoente ostaglandin E2 EP1 al of Clinical Investal. "Reactions of A	ydrooxazoles) as ol. 81, No. 4, 1998 ceptor-1 (EP1) M rology, 2003, 124 Receptor Mediat tigation, February Arylsulfonyl Com	ligands in steroso 3, pgs 676-687. ediates Acid-Ind 5, pgs. 18-25. es Pain Perception 2001, 107(3), pgrounds with An I	uced Visceral on and Regula gs. 325-331. Excess of Orga	ion-metal Pain tes Blood anolithium		
	128 129 130	Complex." Journal of Rippert, A.J. "New a catalysis." Helvetica Sarkar, et al "The Phypersensitivity in House Stock, et al "The Propersensitivity in House Pressure." The Journ Stoyanovich, F.M., et Reagent. 11. Polar A	rostaglandin E2 Recumans." Gastoente ostaglandin E2 EP1 al of Clinical Investable dittion to 3-Lithioa	ydrooxazoles) as ol. 81, No. 4, 1998 ceptor-1 (EP1) M rology, 2003, 124 Receptor Mediat tigation, February Arylsulfonyl Comp arynes and Synthes	ligands in steroso 3, pgs 676-687. ediates Acid-Ind 5, pgs. 18-25. es Pain Perception 2001, 107(3), pgrounds with An I sis of 2-Substitut	uced Visceral on and Regula gs. 325-331. Excess of Orga ed Isophthalic	ion-metal Pain tes Blood anolithium		
	128 129 130	Complex." Journal of Rippert, A.J. "New a catalysis." Helvetica Sarkar, et al "The Phypersensitivity in Helpersensitivity in Helpersensitivity. The Pressure." The Journ Stoyanovich, F.M., et	rostaglandin E2 Reumans." Gastoente ostaglandin E2 EP1 al of Clinical Investable dition to 3-Lithioa er. Khim (1978), (1	ydrooxazoles) as ol. 81, No. 4, 1998 ceptor-1 (EP1) M rology, 2003, 124 Receptor Mediat tigation, February Arylsulfonyl Comp trynes and Synthes), 142-150. (Engl	ligands in sterose 3, pgs 676-687. ediates Acid-Ind 5, pgs. 18-25. es Pain Perception 2001, 107(3), pgrounds with An I sis of 2-Substitutes ish Abstract Only	uced Visceral on and Regula gs. 325-331. Excess of Orga ed Isophthalic y)	ion-metal Pain tes Blood anolithium Acids." Izv.		

Page 4 of 4

133	•	lution of a New Chiral C2-Symmetric Bisphenol: Trans-1,2-rahedron Letters, 1997, 38(15), pgs. 2589-2592.
		on page
EXAMINER		DATE CONSIDERED